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L1: Entry 1 of 1

File: USPT

Jun 1, 2004

US-PAT-NO: 6743604

DOCUMENT-IDENTIFIER: US 6743604 B1

TITLE: Substances and their uses

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Bonnefoy; Jean-Yves	Sant Julien-en-Genevois				FR
Gauchat; Jean-Fran.	Geneva	cedilla.ois			CH

US-CL-CURRENT: [435/69.52](#); [435/235.1](#), [435/320.1](#), [435/325](#), [435/69.1](#), [435/69.7](#),
[435/7.1](#), [530/300](#), [530/351](#), [536/23.1](#), [536/23.4](#), [536/23.5](#), [536/24.3](#)

CLAIMS:

What is claimed is:

1. An isolated nucleic acid molecule, wherein said nucleic acid molecule encodes a polypeptide capable of binding human IL-13 and/or binding human IL-4, comprising a nucleotide sequence which: (a) is SEQ ID NO:8 or (b) encodes amino acid residues 27 to 347 of SEQ ID NO:9.
2. A vector comprising an isolated nucleic acid molecule according to claim 1.
3. A host cell comprising a vector according to claim 2.
4. A nucleic acid molecule according to claim 1 which comprises the nucleotide sequence in SEQ ID NO:8 encoding amino acid residues 27 to 347 of SEQ ID NO:9.
5. A vector comprising a nucleic acid molecule according to claim 4.
6. A host cell comprising a vector according to claim 5.
7. An isolated nucleic acid molecule consisting of the complement of said nucleotide sequence of claim 1.
8. A vector comprising a nucleic acid molecule according to claim 7.
9. A host cell comprising a nucleic acid molecule according to claim 7.

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L2: Entry 1 of 1

File: USPT

Nov 7, 2000

US-PAT-NO: 6143871

DOCUMENT-IDENTIFIER: US 6143871 A

**** See image for Certificate of Correction ****

TITLE: IL-13 and IL-4 binding polypeptides

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Bonnefoy; Jean-Yves	74164 Sant Julien-en-Genevois				FR
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US-CL-CURRENT: 530/351; 314/2, 435/69.1, 435/7.1, 530/300, 530/350, 536/23.1, 536/23.5

CLAIMS:

We claim:

1. An isolated polypeptide which is capable of binding human IL-13 and/or of binding human IL-4 in the presence of IL-4 R .alpha. or which is bound to human IL-13 and/or human IL-4; which:

comprises the amino acid sequence shown in SEQ ID NO:9.

2. A polypeptide according to claim 1 which consists of the complete amino acid sequence represented by amino acids 1 to 427, shown in SEQ ID No:9.

3. An isolated polypeptide which comprises the extracellular sequence represented by amino acids 27 to 427, shown in SEQ ID NO:9.

4. An isolated polypeptide which has a sequence that differs from that shown in SEQ ID NO:9 wherein the T residue number 130 and G residue number 358 shown in SEQ ID NO:9 are replaced by I and D residues, respectively.

5. A composition comprising the polypeptide according to claim 1 and a membrane, wherein said polypeptide is bound to said membrane.

6. A polypeptide according to claim 1 which is in soluble form.

7. A polypeptide according to claim 3 which consists of the amino acids 27 to 347 shown in SEQ ID NO:9.

8. A composition comprising the isolated polypeptide according to claim 1 in admixture with a carrier.

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